| FORM P<br>REV. 5-9  | 3   | US DEPARTMENT OF COMMERCE ATENT AND TRADEMARK OFFICE R TO THE UNITED STATES | ATTORNE OCKET NUMBER P02,0071                             |  |  |  |  |  |
|---|---|---|---|--|--|--|--|--|
|   | DESIGNATED/ELECT  | TED OFFICE (DO/EO/US) THE NG UNDER 35 U.S.C. 371                            | U.S.APPLICATION NO. (if known, see 37 CFR 1.5)  10/088668 |  |  |  |  |  |
| INTERNA   | ATIONAL APPLICATION NO.   | INTERNATIONAL FILING DATE   | PRIORITY DATE CLAIMED                                     |  |  |  |  |  |
| PCT/DI  | E00/03256   | 19 September 2000   | 21 September 1999   |  |  |  |  |  |
| TITLE OF INVENTION "OPTICAL TRANSMISSION SYSTEM WITH DISPERSION COMPENSATION UNITS"   |   |   |   |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Andreas Faerbert and Christian Scheerer   |   |   |   |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |   |   |  |  |  |  |  |
| 1. ⊠<br>2. □<br>3. ⊠<br>4. ⊠  | NVENTION "OPTICAL TRANSMISSION SYSTEM WITH DISPERSION COMPENSATION UNITS"  T(S) FOR DO/EO/US Andreas Faerbert and Christian Scheerer  Therewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other on:  This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.  This is express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than lelay.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest elaimed priority date.  A copy of International Application as filed (35 U.S.C. 371(c)(2))  By is transmitted herewith (required only if not transmitted by the International Bureau).  Can be been transmitted by the International Bureau.  Can be a transmitted by the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))  Can are transmitted herewith (required only if not transmitted by the International Bureau).  Can are transmitted herewith (required only if not transmitted by the International Bureau).  Can are transmitted herewith (required only if not transmitted by the International Bureau).  Can are transmitted herewith (required only if not transmitted by the International Bureau).  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted by the International Bureau.  Can be a been transmitted |   |   |  |  |  |  |  |
| 5 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII  | <ul> <li>b. □ has been transmitted by the International Bureau.</li> <li>c. □ is not required, as the application was filed in the United States Receiving Office (RO/US)</li> <li>A translation of the International Application into English (35 U.S.C. 371(c)(2).</li> </ul>   |   |   |  |  |  |  |  |
| 70×   | <ul> <li>a. □ are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. □ have been transmitted by the International Bureau.</li> <li>c. □ have not been made; however, the time limit for making such amendments has NOT expired.</li> </ul>  |   |   |  |  |  |  |  |
| <b>8</b> 100  | A translation of the amend  | dments to the claims under PCT Article                                      | 19 (35 U.S.C. 371(c)(3)).                                 |  |  |  |  |  |
| 9 <u>_</u> ⊠  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |   |  |  |  |  |  |
| 10. ⊠   | A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |   |   |  |  |  |  |  |
| Items 11. to 16. below concern other document(s) or information included:  11. □ Ån Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report). |   |   |   |  |  |  |  |  |
| 1,2. ⊠  | An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.  (SEE ATTACHED ENVELOPE)   |   |   |  |  |  |  |  |
| 13. ⊠   | A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment.  |   |   |  |  |  |  |  |
| 14. ⊠   | A substitute specification.   |   |   |  |  |  |  |  |
| 15. □   | A change of power of attorney and/or address letter.  |   |   |  |  |  |  |  |
| 16. ⊠   | Other items or information:   |   |   |  |  |  |  |  |

a. 

Submission of Drawings - 3 sheets
b. 

EXPRESS MAIL #EL843745900US dated March 20, 2002

| U.S.APPLICATION NO. (If KROWN S   | 1.98986 P   | O071                     |            |                       |              |  |  |  |
|---|---|--------------------------|------------|-----------------------|--------------|--|--|--|
| 17.   ■ The following   | fees are submitted:   |                          | •          | CALCULATIONS          | PTO USE ONLY |  |  |  |
|   | ONAL FEE (37 C.F.R. 1.49 as been prepared by the EPO or             |                          |            |                       |              |  |  |  |
| International prel  | minary examination fee paid to L                                    |                          |            |                       |              |  |  |  |
| No international printernational sear   | oreliminary examination fee paid<br>ch fee paid to USPTO (37 C.F.R  |                          |            |                       |              |  |  |  |
| Neither internation search fee (37 C.   | nal preliminary examination fee (<br>F.R. 1.445(a)(2) paid to USPTO |                          |            |                       |              |  |  |  |
| International preli<br>claims satisfied p   | minary examination fee paid to Urovisions of PCT Article 33(2)-(4   |                          |            |                       |              |  |  |  |
|   | ENTER APPROPR   | \$ 890.00                |            |                       |              |  |  |  |
| Surcharge of \$130.00 for fu<br>the earliest claimed priority   | rnishing the oath or declaration I<br>date (37 C.F.R. 1.492(e)).    | \$                       |            |                       |              |  |  |  |
| Claims  | Number Filed  | Number<br>Extra          | Rate       |                       |              |  |  |  |
| Total Claims  | 13 - 20   | = 0                      | X \$18.00  | \$                    |              |  |  |  |
| Independent Claims  | 1 -3  | = 0                      | X \$84.00  | \$                    |              |  |  |  |
| Mattiple Dependent C  | laims   | <u>.</u>                 | \$280.00 + | \$                    |              |  |  |  |
|   | TOTAL O   | \$ 890.00                |            |                       |              |  |  |  |
| Reduction by 1/2 for filing b   | y small entity, if applicable. Verit                                | \$                       |            |                       |              |  |  |  |
|   |   | \$ 890.00                |            |                       |              |  |  |  |
| from the earliest claimed pr  | or furnishing the English translati ority date (37 CFR 1.492(f)).   | \$                       |            |                       |              |  |  |  |
| and part  |   | \$ 890.00                |            |                       |              |  |  |  |
| accompanied by an appropr   | ed assignment (37 C.F.R. 1.21(liate cover sheet (37 C.F.R. 3.28     | SEE ATTACHED<br>ENVELOPE |            |                       |              |  |  |  |
| £ 9,3   |   | \$ 890.00                |            |                       |              |  |  |  |
|   |   |                          |            | Amount to be refunded | \$           |  |  |  |
|   |   | charged                  | \$         |                       |              |  |  |  |
| a. ⊠ A check in the amount of \$890.00 to cover the above fees is enclosed.   |   |                          |            |                       |              |  |  |  |
| b.   Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.   |   |                          |            |                       |              |  |  |  |
| c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501519. A duplicate copy of this sheet is enclosed.            |   |                          |            |                       |              |  |  |  |
| NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status. |   |                          |            |                       |              |  |  |  |
| SEND ALL CORRESPONDENCE TO:   |   |                          |            |                       |              |  |  |  |
| Schiff Hardin & Waite   |   |                          |            |                       |              |  |  |  |
| Pat nt Department  / James D. Hobart  6600 Sears Tower  NAME  /   |   |                          |            |                       |              |  |  |  |
| Chicago, Illinois 606<br>Customer Number 2  | 06-6473   |                          |            |                       |              |  |  |  |

# **CERTIFICATE OF MAILING BY U.S. EXPRESS MAIL**

## "Express Mail" Mailing Label Number EL843745900US

Date of Deposit:

March 20, 2002

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated above and is addressed to:

**BOX PCT** 

**Commissioner of Patents and Trademarks** 

Washington, D.C. 20231

Case Number: P02,0071

International Application No.

PCT/DE00/03256

International Filing Date 19 September 2000

Priority Date Claimed 21 September 1999

Title: "OPTICAL TRANSMISSION SYSTEM WITH DISPERSION COMPENSATION

UNITS"

Applicant(s): Andreas Faerbert and Christian Scheerer

## Enclosed are the following documents:

International application as filed;

English translation of application and annexes;

Executed Declaration;

Preliminary Amendment;

Substitute Specification;

Marked-up Copy of Specification;

Letter Submitting Drawings - 3 sheets:

PTO 1390 in duplicate;

Filing Fee: \$890.00;

Postcard.

Executed Assignment, PTO 1595 form, \$40.00 filing fee, postcard, in attached envelope to be forwarded to the Assignment Branch.

Signature of person making documents and fee

## IN THE UNITED STATES ELECTED OFFICE OF THE UNITED STATES PATENT AND TRADEMARK OFFICE UNDER THE PATENT COOPERATION TREATY - CHAPTER II

### SUBMISSION OF DRAWINGS

5 APPLICANT:

Andreas Faerbert and Christian Scheerer

**ATTORNEY** 

DOCKET NO.:

P02,0071

**SERIAL NO.:** 

**EXAMINER:** 

FILING DATE:

ART UNIT:

10 INTERNATIONAL APPLICATION NO.: PCT/DE00/03256

INTERNATIONAL FILING DATE: 19 September 2000

INVENTION: "OPTICAL TRANSMISSION SYSTEM WITH DISPERSION

**COMPENSATION UNITS"** 

#### **BOX PCT**

15 Assistant Commissioner for Patents Washington, D.C. 20231

SIR:

Attached herewith are three sheets of Formal Drawings containing Figs. 1-3.

Respectfully submitted,

20

(Reg. No. 24,149)

James D. Hobart

SCHIFF HARDIN & WAITE

Patent Department 6600 Sears Tower

25

233 South Wacker Drive Chicago, Illinois 60606 Telephone: (312) 258-5781

**Customer Number 26574** 

DATED: March 20, 2002